

Converting Colors

XYZ(14.2650, 12.5000, 11.1848)

Have a look what the booklet for
XYZ(14.2650, 12.5000, 11.1848)
contains.

XYZ(14.2776, 12.4552, 11.1028) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(14.2776, 12.4552,
11.1028)**

Conversions

Conversions Part 1	
Format	Color
Hex	805959
RGB	128, 89, 89
RGB Percent	50%, 35%, 35%
CMY	0.4980, 0.6510, 0.6510
CMYK	0.00, 0.30, 0.30, 0.50
HSL	0°, 18%, 43%
HSV	0°, 30%, 50%
XYZ	14.2776, 12.4552, 11.1028
YIQ	100.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

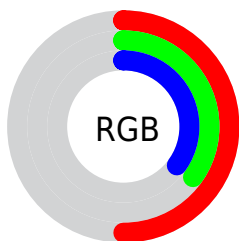
Format	Color
RYB	128, 89, 89
Decimal	8411481
CIELab	41.93, 16.09, 6.44
CIELCh	42, 17.333, 21.821
Yxy	12.4552, 0.3774, 0.3292
Android (android.graphics.Color)	4286601561 (0xFF805959)
YUV	100.6610, -5.7489, 23.9763
Hunter-Lab	35.2919, 10.4526, 6.0518

Details

The XYZ color **14.2776, 12.4552, 11.1028** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.7350, 19.1200, 23.2832**, and the grayscale version is **12.2927, 12.9329, 14.0839**.

A 20% lighter version of the original color is **33.1842, 30.2744, 28.5206**, and **4.3791, 3.4874, 2.8252** is the 20% darker color. If you saturate the color by 10%, you get **12.8121, 10.3109, 8.1891**, and if you desaturate by 10%, it is **16.0225, 15.0085, 14.5711**.

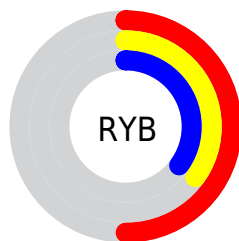
Distribution



Red (50%)

Green (35%)

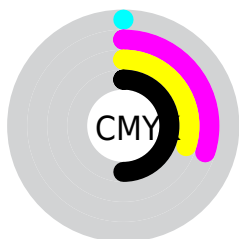
Blue (35%)



Red (50%)

Yellow (35%)

Blue (35%)

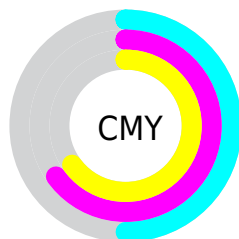


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (50%)



Cyan (50%)

Magenta (65%)


Yellow (65%)

Brightness & Saturation

Gradients


These gradients show how the XYZ color 14.2776, 12.4552, 11.1028 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.2776, 12.4552, 11.1028 by changing the saturation by 10% instead.


 14.2776, 12.4552,
11.1028


 14.2776, 12.4552,
11.1028


212.4272,
207.3960, 209.1342


 8.3970, 7.0545,
6.0210


 33.1629, 30.3215,
28.4897


 4.4039, 3.4962,
2.7888

 46.8984, 43.5559,
41.6318

 1.9331, 1.3959,
0.9879

 63.9828, 60.1702,
58.2977

 0.5960, 0.2137,
0.0000

 84.7816, 80.5490,
78.9061


 0.0000, 0.0000,
0.0000

 109.6601,
105.0766, 103.8754


138.9836,


134.1373, 133.6241


173.1175,
168.1157, 168.5709


 14.2776, 12.4552,
11.1028

 14.2776, 12.4552,
11.1028


 12.8121, 10.3109,
8.1891


 16.0225, 15.0085,
14.5711


 11.6105, 8.5526,
5.8005

 18.0591, 17.9886,
18.6198


 10.6575, 7.1581,
3.9060


 20.4003, 21.4144,
23.2741


 9.9357, 6.1017,
2.4710


 23.0578, 25.3032,
28.5574


 9.4253, 5.3550,
1.4566


 26.0430, 29.6713,
34.4918


 9.1037, 4.8843,
0.8172

 29.3663, 34.5342,
41.0986

 8.9022, 4.5894,
0.4166

 33.0379, 39.9068,
48.3979

 37.0676, 45.8032,
56.4090

 41.4646, 52.2372,
65.1504

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.4500, 12.4552, 14.5910



14.2776, 12.4552, 11.1028



13.4285, 12.4552, 8.7342

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.2776, 12.4552, 11.1028



10.0042, 12.4552, 9.6488



11.4910, 12.4552, 21.8194

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.2776, 12.4552, 11.1028



15.7350, 19.1200, 23.2832

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.3789, 12.4552, 19.9033



14.2776, 12.4552, 11.1028



9.5619, 12.4552, 12.5818

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.2776, 12.4552, 11.1028



10.9454, 12.4552, 8.0063



9.6940, 12.4552, 16.3590



12.7785, 12.4552, 21.2288

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.2776, 12.4552, 11.1028



12.6242, 12.4552, 7.8988



9.6940, 12.4552, 16.3590



11.0857, 12.4552, 21.4364

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.2779, 12.4558, 11.1031



32.2857, 32.3886, 33.7569



16.3708, 13.2926, 22.1249



7.4449, 7.4161, 7.6766



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2779, 12.4558, 11.1031



23.1871, 19.0748, 15.6692



16.1208, 16.1414, 11.7173



4.3278, 4.3443, 4.5306



8.8271, 4.5507, 0.4131



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.7350, 19.1200, 23.2832



26.2082, 32.8926, 40.9239



13.4317, 14.5134, 22.5155



4.4464, 4.8869, 5.5222



11.5165, 16.8514, 22.8956



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2776, 12.4552, 11.1028 looks on a white background.

Color Contrast Check

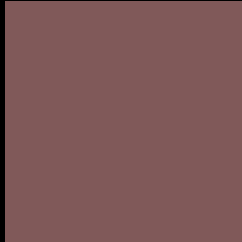
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.2776, 12.4552, 11.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2776, 12.4552, 11.1028

Background



This preview shows how black text looks on a background with the XYZ color 14.2776, 12.4552, 11.1028.



This preview shows how white text looks on a background with the XYZ color 14.2776, 12.4552,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.2776, 12.4552, 11.1028

Protanopia

11.9617, 12.5566, 12.3829

Deuteranopia

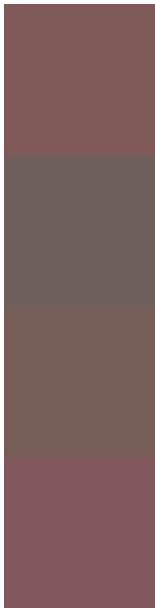
12.7544, 12.5810, 10.9887



Tritanopia

14.6085, 12.4728, 12.4640

Trichromacy



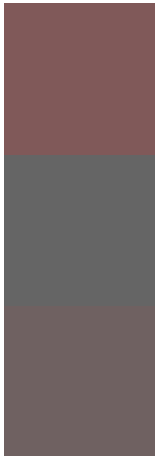
Original Color
14.2776, 12.4552, 11.1028

Protanomaly
12.5795, 12.3366, 11.8434

Deuteranomaly
13.1470, 12.3848, 10.9301

Tritanomaly
14.5188, 12.4369, 11.9913

Monochromacy



Original Color
14.2776, 12.4552, 11.1028

Achromatopsia
12.3695, 13.0136, 14.1719

Achromatomaly
12.9879, 12.7920, 13.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2776, 12.4552, 11.1028 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(128, 89, 89) looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 89)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.2776, 12.4552, 11.1028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 89, 89) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 89, 89) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 89, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2776, 12.4552, 11.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 89, 89) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128, 89,  
89) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor